

Title (en)  
AMINOCYCLOHEXANES AS DIPEPTIDYL PEPTIDASE-IV INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES

Title (de)  
AMINOCYCLOHEXANE ALS DIPEPTIDYLPEPTIDASE-IV-HEMMER ZUR BEHANDLUNG BZW. PRÄVENTION VON DIABETES

Title (fr)  
AMINOCYCLOHEXANES EN TANT QU'INHIBITEURS DE DIPEPTIDYL PEPTIDASE-IV POUR LE TRAITEMENT OU LA PRÉVENTION DE DIABÈTES

Publication  
**EP 1761532 A4 20090527 (EN)**

Application  
**EP 05766104 A 20050617**

Priority  
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Abstract (en)  
[origin: WO2006009886A1] The present invention is directed to novel substituted aminocyclohexanes which are inhibitors of the dipeptidyl peptidase-IV enzyme ("DPP-IV inhibitors") and which are useful in the treatment or prevention of diseases in which the dipeptidyl peptidase-IV enzyme is involved, such as diabetes and particularly Type 2 diabetes. The invention is also directed to pharmaceutical compositions comprising these compounds and the use of these compounds and compositions in the prevention or treatment of such diseases in which the dipeptidyl peptidase-IV enzyme is involved.

IPC 8 full level  
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CPC (source: EP US)  
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Citation (search report)  
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• [T] BIFTU ET AL: "Rational design of a novel, potent, and orally bioavailable cyclohexylamine DPP-4 inhibitor by application of molecular modeling and X-ray crystallography of sitagliptin", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, PERGAMON, ELSEVIER SCIENCE, GB, vol. 17, no. 12, 15 June 2007 (2007-06-15), pages 3384 - 3387, XP022097788, ISSN: 0960-894X  
• See references of WO 2006009886A1

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**WO 2006009886 A1 20060126**; AU 2005265148 A1 20060126; AU 2005265148 B2 20110120; CA 2570807 A1 20060126; CA 2570807 C 20111206; CN 101014598 A 20070808; CN 101014598 B 20120613; EP 1761532 A1 20070314; EP 1761532 A4 20090527; EP 1761532 B1 20130410; JP 2008503491 A 20080207; JP 4963671 B2 20120627; US 2007254865 A1 20071101; US 7482336 B2 20090127

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**US 2005021556 W 20050617**; AU 2005265148 A 20050617; CA 2570807 A 20050617; CN 200580020415 A 20050617; EP 05766104 A 20050617; JP 2007516798 A 20050617; US 62868605 A 20050617